

ates to a hypoallergenic immunogen. A Phl p 6 molecule has an N-terminal amino acid sequence that at least substantially lack IgE binding capacity. An immunogenic combination of a Phl p 6 molecule having an N-terminal amino acid sequence that at least substantially lack IgE binding capacity, and a hypoallergenic immunogen makes the molecule at least substantially hypoallergenic. These two components together encompass the complete sequence of the hypoallergenic immunogen. The hypoallergenic immunogen is a protein or a peptide.

ates to a hypoallergenic immunogen. A Phl p 6 molecule has an N-terminal amino acid sequence that at least substantially lack IgE binding capacity. An immunogenic combination of a Phl p 6 molecule having an N-terminal amino acid sequence that at least substantially lack IgE binding capacity, and a hypoallergenic immunogen makes the molecule at least substantially hypoallergenic. These two components together encompass the complete sequence of the hypoallergenic immunogen. The hypoallergenic immunogen is a protein or a peptide.